IV70 BOX PC

IV70SB7 with Three Serial Port, Dual Giga LAN, Six USB Alu.Fin BOX PC

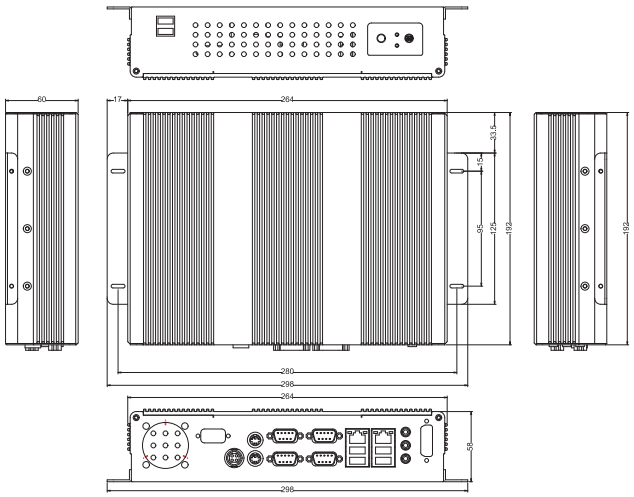
Rugged BOX PC Series - IV70 Intel® 3rd Generation Core™ i7 / i5 / i3 Processor BOX PC

IV70SB7-111

Features:

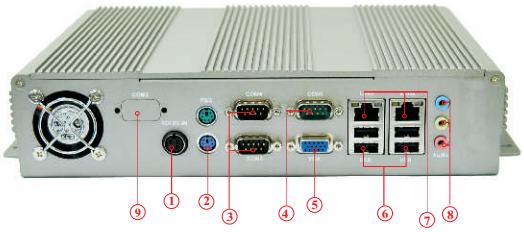
- Intel® 3rd Generation Core™ i7/i5/i3 processor (Ivy Bridge)
- Flexible storage devices, One 2.5-inch HDD and One SSD socket
- Multiple I/Os, Three Serial Ports and Six USB Ports
- Supports +12V DC-IN Power input

IV70SB7-111



* Measurements shown in mm
* Tolerance of all dimensions is shown as follow 0~30 mm ± 0.1mm, 30~50 mm ± 0.15 mm, 50~120 mm ± 0.2 mm, above 120 mm ± 0.25 mm
* Note: this is a simplified drawing and some components are not marked in detail. Please contact our sales representative if you need further product information.

I. Power Reset Button
II. Power / HDD LED
III. Power On Button
IV. USB 2.0



1. Power Jack
2. PS/2
3. RS-232 Conn.
4. RS232/422/485 Conn.
5. VGA Conn.
6. USB 3.0
7. RJ-45
8. AudioJack
9. RS-232(Optional)

System Specification

Processor	:	Intel® 3rd Generation Core™ i7/i5/i3 processor (Ivy Bridge)
BIOS	:	AMI UEFI BIOS
System Chipset	:	Intel® 7 series Chipset (HM76)
System Memory	:	2 x SODIMM, Max 32GB DDR3 1333/1600
Graphic Chipset	:	Integrated Intel® HD Graphic 4000
Ethernet	:	Dual Broadcom BCM57780 GbE
Audio	:	Realtek ALC886 HD codec (Line-in, Line out, Mic-in)
USB	:	6 x USB ports, 4 x USB 3.0, 2 x USB 2.0
Serial	:	2 x RS232, 1 x RS232/422/485 ports, 1 x RS232(Optional)
SSD Interface	:	1 x mSATA SSD slot

Mechanical Specification

Construction	:	Aluminum housing
Mounting	:	Desktop/wall-mounting
Dimension	:	264 x 57 x 192 mm (W x H x D)

Power Supply

Power Input	:	+12V DC-IN(Lockabl,Power Jack)

Environmental Specification

Operation Temperature	:	0~ 50°C
Operating Humidity	:	30% ~ 90% (non-condensing, RH)

I/O Connectors

Rear Panel External I/Os	:	2 x RJ-45(10/100/1000 Mpbs) 2 x RS-232 Conn 1 x RS-232/422/485 Conn 1 x RS-232 (Optional) 1 x VGA Conn 4 x USB 3.0 2 x PS/2 1 x Line in/Line out/Mic in
Front Panel External I/Os	:	2 x USB 2.0 1 x Power/HDD LED 1 x Reset / Power on Button

Packing List

1 x IV70SB7-111 Unit
1 x Driver Utility CD
1 x IV70SBC User Manual
1 x IV70SBC-XXX User Guide
1 x Wall-mount Kits

Order Information

IV70SB7-111 : IV70SB7-111 BOX PC with 3 x COM, 2 x LAN, 6 x USB
1 x Line-in/Line-out/Mic-in Audio Jack, +12V DC-IN

Rev.	Reasons	Revised Date
1.1	Spec change	Aug-08-12
1.2	Spec change	Apr-30-13
1.3	Spec change	May-22-13